



Rwanda Integrated Water Security Program (RIWSP)

MONITORING AND EVALUATION PLAN (M&E PLAN)

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Rwanda Integrated Water Security Program (RIWSP)

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MONITORING AND EVALUATION PLAN (M&E PLAN)

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ACRONYMS AND ABBREVIATIONS

CARE Cooperative for Assistance and Relief Everywhere, Inc.

CBO Community based organization
CLTS Community Led Total Sanitation

EIA Environmental Impact Assessment (EIA)

EDPRS Economic Development and Poverty Reduction Strategy
F USAID Foreign Assistance Standard Monitoring Indicator

FIU Florida International University

FtF Feed the Future

GCC Global Climate Change

GLOWS Global Water for Sustainability Program

IR Intermediate Result

JMP Joint Monitoring Program
LWA Leader with associates
M&E Monitoring and evaluation
MUS Multiple use systems

NGO Non-governmental organization

RIWSP Rwanda Integrated Water Security Program

SanMark Sanitation Marketing
SO Strategic Objective
SOW Statement of Work
TBD To be determined

USAID United States Agency for International Development

VS&LA Village Savings and Loan Associations

WASH Water, Sanitation, Hygiene

WFP World Food Program

WHO World Health Organization WUA Waster Users Association

1. Introduction

Lessons learned during the course of first years of implementation, and a revision in the scope of the program activities following the continuing application process mandated that our Monitoring and Evaluation Plan (M&E plan) be revised to reflect these changes. The revision of the M&E plan followed an intensive review of the status of all indicators in order to determine their continued validity and ascertain whether targets are realistic and achievable. The revision also included the alignment of indicators with the USAID standards indicators related to the funding streams of the project.

The revision of the M&E plan will also shows how it will be used as a tool to plan and manage collection and analysis of data and information, relevant for monitoring and evaluating program performance and for measuring project results. As such, it functions as a management tool to report progress, constraints, and deviation from annual activities against Work Plan targets, as well as to review and adapt, where necessary, the program implementation strategies. Furthermore, it supports the program to proceed with timely and punctual data collection.

In view of the reduced scope of the Program, the initial sets of indicators as well as targets have also been modified accordingly. The indicators that have been added or removed in this updated M&E plan are listed below:

a. New indicators:

- Number of improved toilets in institutional settings.
- Number of improved water infrastructures provided in institutional settings
- ➤ 4.8.2-6 Person hours of training completed in climate change supported by USG assistance
- Number of stakeholders with increased capacity to adapt to the impact of climate change as a result of USG
- Number of kitchen gardens established
- Number of people trained in child health and nutrition through USG-supported programs

b. Removed indicators

- Number of individuals who have received USG supported long term agricultural sector productivity or food security training
- Number of MSMEs receiving business development services from USG assisted sources
- Number of people receiving USG supported training in Sanitation Marketing and Microcredit

- Number of policies/regulations/administrative procedures in each of the following stages of development as a result of USG assistance in each case: stage 1 Analyzed; stage 2 Drafted and presented for public/stakeholders consultation
- Number of institutions/organizations that, as a result of USG assistance, are in one of these five stages of improved institutional capacity: stage 1 Undergoing capacity/competency assessment; stage 2 Assessments presented for consultation; stage 3 Undertaking capacity/competency strengthening; stage 4 Making significant improvement; stage 5 Mature/viable.
- Number of private enterprises, producer organizations, WUAs, women's groups, trade and business associations and CBOs that applied new technologies or management practices as a result of USG assistance.
- Number of people receiving training in global climate change as a result of USG assistance. Number of climate vulnerability assessments conducted as a result of USG assistance
- Number of stakeholders using climate information in their decision making as a result of USG assistance
- Number of stakeholders implementing risk-reducing practices/actions to improve resilience to climate change as result of USG assistance
- Number of people with increased incomes and greater food security due to provision of multiple use water supply
- ➤ Number of water resources sustainability assessments undertaken

For each of the new indicators, the following information and guidelines are provided: (1) detailed definition of each performance indicator; (2) source, method, frequency schedule of data collection; (3) office, team, or individual responsible for ensuring data are available on schedule; (4) analytical method for the data collected; (5) Reporting system.

2. Proposed indicators

Component 1: Increased sustainable and resilient access to water and WASH-related infrastructure and services for domestic and productive use

The following indicators will help monitoring the expected results for activities under this component

1. Number of people with access to multiple use water supply services (MUS) for household and productive uses.

The individuals with access to improved multiple use water services (MUS) provided by RIWSP for both household use and productive use

simultaneously in the target areas. This is a customized indicator monitoring progress towards implementation of MUS activities. This indicator will only count the occurrences of both drinking water and water for productive uses.

2. 4.8.1-27 Number of people receiving USG supported training in natural resources management and/or biodiversity conservation

The total number of individuals to whom relevant skills and knowledge have been imparted through predesigned intentional and structured process. Both local and other types of training will be included here. For RIWSP several trainings will be conducted in Integrated Water Resources Management (IWRM), including watershed management, water efficient agriculture practices as part of the MUS activities. This F standard indicator will help monitor progress towards the training of the target water committees members (of Migera system) in IWRM.

3. 3.1.8.2-2. Number of people gaining access to an improved sanitation facility.

An improved sanitation facility is defined as one that hygienically separates human excreta from human contact. Persons are counted as "gaining access" to an improved sanitation facility, either newly established or rehabilitated from a non-functional or unimproved state, as a result of USG assistance if their household did not have similar "access". This is F indicator will help monitor activities of hygiene behavior change among the target community members

4. Number of people receiving USG-supported training in water, sanitation, and hygiene (WASH).

The number of individuals in the target area who have been trained by RIWSP in WASH, specifying the number of men and women. This is a customized indicator which will monitor progress towards the "community members being exposed to the CBEHPP behavior change messages", "targeted training for Community Hygiene Clubs" and "appropriate capacity building for Environmental Health Officers, in charge of Social affairs at sector, cell and village level and community hygiene clubs Committees of the target area". The indicator also captures trainings for members of water committees and other of people trained in WASH infrastructures management.

5. 3.1.8.1-2 Number of people gaining access to an improved drinking water source

Persons are counted as "gaining access" to an improved drinking water source if two conditions are met: One, if the source is either newly established or rehabilitated from a non-functional state within the reporting fiscal year as a result of USG assistance, and these individual did not previously have similar "access" to an improved drinking water source prior to the establishment or rehabilitation of the USG-supported improved source. Two, if the time to collect water from this source does not exceed 30 minutes. Such source includes: piped water into plot or yard, public standpipe, protected spring or rain water collection.

Furthermore, improved drinking water sources are defined by the quality of water they produce and are protected from outside contamination.

This F standard indicator will be used to monitor progress of the implementation of new water access infrastructures (the Migera system) and the rehabilitation of existing water infrastructures.

6. 3.1.8.2-3 Number of improved toilets in institutional settings

Institutional settings are defined as schools and health facilities. A toilet is defined as an improved sanitation facility as a result of USG assistance that provides privacy and separates human excreta from human contact. Each toilet should have a squat hole. For latrine block with several squat holes, the toilet count is the number of squat holes in the block. Toilets counted are only those that have hand washing facilities within or near the toilets. This F indicator will be used to monitor progress of WASH integration into facility-based care, with the provision of improved latrines.

7. Number of improved water infrastructures provided in institutional settings

The number of water infrastructures either constructed or rehabilitated in health facilities. This is a customized indicator that will be used to monitor the Program progress towards the provision of water access systems in health facilities and schools.

Component 3 Improved Technical Practices and Approaches to Optimize the Use and Resiliency of Available Water

The following indicators will help monitoring the expected results for activities under this component

1. 4.8.2-6 Person hours of training completed in climate change supported by USG assistance

This F indicator and will help monitor trainings on climate change resilience and how food production and community livelihoods are affected by climate change and methods of reducing impacts on whole food chain from planting to harvesting, storage.

2. 4.8.2-26 Number of stakeholders with increased capacity to adapt to the impact of climate change as a result of USG assistance.

Adaptive capacity is the ability to adjust to climate change, to moderate potential damages, to take advantage of opportunities, or to cope with the consequences. Having the "ability to adjust" to climate change impacts will measure an objective of the project to deal with climate stresses (in the context of other stresses). Stakeholders with improved adaptive capacity may be "implementing risk-reducing practices/actions to improve resilience to climate change" and/or "using climate information in decision making".

This is a required GCC adaptation indicator and will help monitor the progress towards the implementation of risk-reducing activities by farmers, cooperatives' members, etc.

3. 4.5.2-7 Number of individuals who have received USG supported short term agricultural sector productivity and /or food security training.

The total number of individuals to whom relevant skills and knowledge have been imparted through predesigned intentional and structured process. Both local and other types of training will be included here. For RIWSP several trainings will be conducted in both food production and food security. The trainings will focus on food production techniques and improved agriculture practices such as mulching, trees planting for erosion prevention (agro-forestry).

4. 4.5.2-5 Number of farmers and others who have applied improved technologies or management practices as a result of USG assistance

This indicator measures the total number of farmers and other primary sector producers that applied improved technologies anywhere within the

food production system as a result of USG assistance. Technologies to be counted here are agriculture-related technologies as mulching, trees planting for erosion prevention (agro-forestry) and water technologies. This F indicator will help to monitor the total number of farmers and other people who have applied the improved technologies anywhere within the food production system as a result of USG assistance. Activities under both component 1 (MUS) and component 3 of RIWSP will contribute to this indicator.

5. 4.5.2-2 Number of hectares under improved technologies or management practices as a result of USG assistance.

This measure the area of land in hectares first brought under improved technology during the current reporting period. Technologies to be counted here are agriculture-related technologies such as mulching, trees planting for erosion prevention (agro-forestry). This F standard indicator will help to monitor the implementation of improved agricultural technologies promoted by RIWSP.

6. Number of kitchen gardens established

This is a customized indicator which measures the number of kitchen gardens established in households among members of CHC (community hygiene clubs) as part of nutrition messages provided by RIWSP through various meetings/trainings. This indicator will monitor the progress towards food security.

7. Number of people receiving USG-supported training in nutrition

This is a customized indicator which measures the number of members of CHCs (Community Hygiene Clubs) trained in nutrition. This indicator will monitor the progress towards improved nutrition among the target communities.

3. Implementing the M&E Plan

3.1 Data Management

The RIWSP Country office, through its M&E manager, is responsible of coordinating the collection and review of data. Furthermore, the RIWSP Country office ensures that the implementing partners involve all relevant stakeholders and local partners in the monitoring effort. Each implementing organization submits the data gathered and analyzed to the Country Office as part of the Annual Report and, where necessary, as part of the Quarterly Reports. The project will prepare an M&E system which will detail procedures for data collection, data review by the M&E manager, the roles of M&E officers of different partners, data storage in January 2014. In order to ensure consistency in data collection and in reporting, all data collection will be submitted to a cut-off date of 26th per month to be reported in the corresponding month.

3.2 Data Collection and Analysis

Each partner will collect the data necessary to monitor its activities. Data will be provided to the RIWSP country office on a monthly basis and reported to USAID on quarterly basis, unless indicated otherwise in the data indicator reference sheet in ANNEX 1.

3.3 Critical Assumptions

The following critical assumptions have been made:

- That there is adequate worldwide economic stability and the US dollar value will not fall steeply to impact adversely on the Program budget or on key partner organizations.
- That there is adequate social and political stability in Rwanda to enable Program implementation to progress as planned.

ANNEX 1: CUMULATIVE LIFE OF PROJECT TARGETS BY IMPLEMENTATION YEAR

PERFORMANCE INDICATOR Indicator Unit of Measure			TOTALS CUMULATIVE BY FISCAL YEAR (FY)								
		Baseline	Baseline FY 2011-12				FY: 2013-14 Targets		FY: 2014-15 Targets		
			Target Year 1	Actual Year 1	Target Year 2	Actual Year 2	Target Year 3	Actual Year 3	Target Year 4	Actual Year 4	
Number of people with access to multiple use water services for household and productive uses.	Number	0	0	0	10,000	0	11,000		11,500		
4.8.1-27 Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	Number	0	500	92	720	431	870		870		

					1		I	1	
3.1.8.2-2 Number of people gaining access to an improved sanitation facility	Number	0	2,000	590	4,000	3,728	4,230	4,230	
Number of people receiving USG- supported training in water, sanitation, and hygiene (WASH)	Number	0	20,000	15,018	26,000	18,502	26,850	26,850	
3.1.8.1-2 Number of people gaining access to an improved drinking water source.	Number	0	0	0	5,500	160	15,500	35,500	
3.1.8.2-3 Number of improved toilets provided in institutional settings	Number	0	N/A	N/A	N/A	14	59	59	
Number of improved water infrastructures provided in institutional settings	Number	0	N/A	N/A	N/A	3	14	14	

10055															
4.8.2-6 Person								2,400							
hours of								person							
training							1,600	hours							
completed in	Person						person	(300x8)							
climate	hours						hours								
change	110013						(200x8)								
supported by							(20070)								
USG															
assistance															
4.8.2-26															
Number of															
stakeholders															
with increased															
capacity to															
adapt to the	Number														
impacts of		0	200	0	300	93	400	400							
climate															
change as a															
result of USG															
assistance															
4.5.2-7															
Number of															
individuals															
		lumber 0													
who have received USG															
			0	0	0	0	0	0			650	349	750		
supported	Number 0								100	0				050	
short term								850							
agricultural															
sector															
productivity or															
food security															
training.															
4.5.2-5															
Number of		Number													
farmers and	Number		Number 300												
others who				0	400	316	500								
have applied			300	U	400	310	500								
improved								600							
technologies					0										
or															

management practices as a result of USG assistance									
A.5.2-2 Number of hectares under improved technologies or management practices as a result of USG assistance.	Number	0	0	0	10	1.6	15	17	
Number of kitchen garden established	Number	0	N/A	43	N/A	1791	1850	1850	
Number of people trained in nutrition through USG- supported programs	Number	0	N/A	N/A	N/A	N/A	850	850	

ANNEX 2: PERFORMANCE INDICATOR REFERENCE SHEETS

Number of people with access to multiple use water supply services for household and productive uses

Program Objective: 3. Investing in People

Program Area: 3.1. Health

Program Element: 3.1.8. Water Supply and Sanitation. **Sub-Element:** 3.1.8.5: Water Resources Productivity.

DESCRIPTION

Precise Definition(s): The individuals with access to multiple use water supply for both household use and productive use simultaneously in the target areas. This is a customized indicator which will count the occurrences of both drinking water and water for productive uses as MUS implementation.

Unit of Measure: Number of people

Disaggregated by: This indicator will be disaggregated by gender

Justification/Management Utility: .This is very important indicator as it contributes to the MUS strategy

approach of the program.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected from Gatsibo and Kayonza districts to monitor activities related to MUS. Data will be collected monthly by the project field staff.

Data Source(s): Winrock MUS activities reports Frequency/Timing of Data Acquisition: Monthly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be internally reviewed and analyzed by the M&E manager and the

COP

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January March 2014

Known Data Limitations and Significance (if any): Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID.

BASELINE AND TARGETS: 0; 1,500 individuals with access to multiple water uses services by the end of the Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

Number of people receiving USG supported training in natural resources management and /or biodiversity conservation

Program Objective: 4. Economic Growth

Program Area: 4.8. Environment

Program Element: 4.8.1. Natural Resources and Biodiversity

Sub-Element: 4.8.1.2. Sustainable Natural Resources Management and Production

DESCRIPTION

Precise Definition(s): The total number of individuals to whom relevant skills and knowledge have been imparted through predesigned intentional and structured process. For RIWSP several trainings will be conducted in Integrated Water Resources Management (IWRM), including watershed management as part of the MUS activities.

Unit of Measure: Number of people

Disaggregated by: This indicator is disaggregated by gender, and the type of training, specifically number of people trained in water resource use and conservation and health and environment / health services.

Justification/Management Utility: The improved integrated water management inevitably requires and depends on effective watershed management and conservation hence the need for this training for example in tree planting and tree cover conservation at natural sources of water for example spring water. Tracking the number of people trained provides information about the reach and scale of training and capacity building efforts.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected from Gatsibo and Kayonza Districts. Data collection will also indicate when these training sessions were held, participants to the training and the specific content of training provided at the time. Data will be collected monthly as applicable by the project field staff.

Data Source(s): Winrock MUS training reports **Frequency/Timing of Data Acquisition:** Monthly

Estimated Cost of Data Acquisition: Low **Responsible Individual(s) at USAID:** AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be internally reviewed and analyzed by the M&E manager and the

COP

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January- March 2014

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; 489 people trained by the end of the Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP office with back up.

Number of people gaining access to an improved sanitation facility.

Program Objective: 3. Investing in people

Program Area: 3.1. Health

Program Element: 3.1.8. Water Supply and Sanitation

Sub-Element: 3.1.8.2: Basic Sanitation

DESCRIPTION

Precise Definition(s): An improved sanitation facility is defined as one that hygienically separates human excreta from human contact and in the context of the program includes pit latrine; pit latrines with a slab; composting toilets; or ventilated improved pit latrines. This indicator will capture individuals in Kayonza and Gatsibo districts receiving improved sanitation facility like latrines in their households.

Unit of Measure: Number of people

Disaggregated by: This indicator is disaggregated by gender, and type of sanitation facility being accessed. **Justification/Management Utility:** This indicator will show the number of individuals who are having and using improved sanitation facility in their household as part of the program implementation

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected monthly from Kayonza and Gatsibo Districts by

the project field staff.

Data Source(s): Implementing partners reports
Frequency/Timing of Data Acquisition: Monthly
Estimated Cost of Data Acquisition: Low
Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from field staff is internally reviewed and analyzed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January-March 2014

Known Data Limitations and Significance (if any): As the number of people actually washing hands will be difficult to count directly, the program data will not include this data.

Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID.

BASELINE AND TARGETS: 0; 3,958 people with access to sanitation facility at the end of the Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up.

Number of people receiving USG supported training in water, sanitation, and hygiene (WASH)

Program Objective: 3. Investing in People

Program Area: 3.1. Health

Program Element: 3.1.8 Water supply and sanitation

Sub-Element:: 3.1.8.3: Water and Sanitation Policy and Governance

DESCRIPTION

Precise Definition(s): The individuals in the target sites who receive training in water, sanitation and hygiene. The training includes also members of water committees and others trained in water infrastructure management, etc. This is a customized indicator.

Unit of Measure: Number of people

Disaggregated by: This indicator is disaggregated by gender and type of training offered – Water, Sanitation

and Hygiene.

Justification/Management Utility: Tracking the number of people trained provides information about the reach and scale of training and capacity building efforts of the program.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected from Kayonza and Gatsibo Districts. Data will also indicate when these training sessions were held, and the specific content of training provided at the time. Data will be collected monthly by the project field staff

Data Source(s): Implementing partners reports
Frequency/Timing of Data Acquisition: Monthly
Estimated Cost of Data Acquisition: Low
Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be internally reviewed and analyzed by the M&E manager and the

COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January-March 2014

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; 19,352 people trained at the end of project

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

Number of people gaining access to an improved drinking water source

Program Objective: 3. Investing in people

Program Area: 3.1. Health

Program Element: 3.1.8 Water supply and sanitation

Sub-Element:: 3.1.8.1: Safe Water Access

DESCRIPTION

Precise Definition(s):

Persons are counted as "gaining access" to an improved drinking water source if two conditions are met.

One, if the source is either newly established or rehabilitated from a non-functional state within the reporting fiscal year as a result of USG assistance, and these persons did not previously have similar "access" to an improved drinking water source prior to the establishment or rehabilitation of the USG-supported improved source. And two, if the "time to collect" water from this source, i.e. the time it takes going to the water source from their dwelling, waiting, collecting water and returning home, does not exceed 30 minutes. Given this definition, the number of people considered to have "gained access" to an improved source will be limited by the physical distance to the source from beneficiaries' dwellings, the amount of time typically spent queuing at the source, and the production capacity of the source.

Estimates of the number of persons gaining access to a particular improved source are further limited by the minimum amount of water that this source will plausibly produce in a typical year. Specifically, the improved source must be able to consistently produce 20 liters per day for each person counted as "gaining access." This amount is considered the daily minimum required to effectively meet a person's drinking, sanitation, and hygiene needs.

"Improved" drinking water sources are further defined by the quality of the water they produce, and are protected from fecal contamination by the nature of their construction or through an intervention to protect from outside contamination. Such sources include: public tap/standpipe; protected spring; or rainwater collection.

Unit of Measure: Number of people

Disaggregated by: This indicator is disaggregated by gender

Justification/Management Utility: This indicator will contribute towards knowing the accessibility of improved water for drinking to the project beneficiaries This indicator will be used to monitor progress of the implementation of new water access infrastructures (the Migera system) and the rehabilitation of existing water infrastructures

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected from Kayonza District. Data will also indicate when these services were provided and accessed.

Data Source(s): Implementing partners reports
Frequency/Timing of Data Acquisition: Quarterly

Estimated Cost of Data Acquisition: Low **Responsible Individual(s) at USAID:** AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis Data from the field will be internally reviewed and analyzed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January-March 2014

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations: Date of Future Data Quality Assessments: NA
Procedures for Future Data Quality Assessments :Will be determined between the program and USAID
BASELINE AND TARGETS: 0; 30,160 with access to improved water source by the end of the Program
Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up
THIS SHEET LAST UPDATED ON: December2013

Number of improved toilets provided in institutional settings

Program Objective: 3. Investing in people

Program Area: 3.1. Health

Program Element: 3.1.8. Water Supply and Sanitation

Sub-Element: 3.1.8.2: Basic Sanitation

Indicator: Number of improved toilets provided in institutional settings

DESCRIPTION

Precise Definition(s): Institutional settings are defined as schools and health facilities. A toilet is defined as an improved sanitation facility as a result of USG assistance that provides privacy and separates human excreta from human contact. Each toilet should have a squat hole. For latrine block with several squat holes, the toilet count is the number of squat holes in the block. Toilets counted are only those that have hand washing facilities within or near the toilets.

Unit of Measure: Number of toilets

Disaggregated by: This indicator is disaggregated type of sanitation facility being accessed.

Justification/Management Utility: This indicator will help monitor the implementation of the activity

1.4. WASH integration into Facility Based Care.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected from Kayonza and Gatsibo Districts. Data will be collected monthly by the project field staff.

Data Source(s World Vision field reports

Frequency/Timing of Data Acquisition: Monthly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis Data from the field will be reviewed and analyzed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January-March 2014

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: No baseline data;.59 toilets constructed for 6 health facilities by the end of the

Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

Number of improved water access systems in institutional settings

Program Objective: 3. Investing in people

Program Area: 3.1. Health

Program Element: 3.1.8 Water supply and sanitation

Sub-Element:: 3.1.8.1: Safe Water Access

DESCRIPTION

Precise Definition(s): This is a customize indicator that count the number of water access systems, mainly water tanks provided to institutional settings (schools and health facilities) in the target areas.

Unit of Measure: Number of institutions

Disaggregated by: N/A

Justification/Management Utility: This indicator will help monitor activities contributing towards knowing the accessibility of improved water quality in Health facilities and schools.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected from Kayonza and Gatsibo Districts. Data will be collected monthly by the project field staff and will indicate when these services were provided and accessed.

Data Source(s): Implementing partners reports **Frequency/Timing of Data Acquisition:** Monthly **Estimated Cost of Data Acquisition:** Low **Responsible Individual(s) at USAID:** AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis Data from the field will be reviewed and analyzed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January-March 2014

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; 14 Health facilities and schools will have access to a water supply system by the end of the Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

Number of stakeholders with increased capacity to adapt to the impacts of climate change as a result of USG assistance

Program Objective: 4. Economic Growth

Program Area: 4.8. Environment

Program Element: 4.8.2. Clean Productive Environment

Sub-Element: 4.8.2.4. Climate change

DESCRIPTION

Precise Definition(s): Adaptive capacity is the ability to adjust to climate change, to moderate potential damages, to take advantage of opportunities, or to cope with the consequences. Having the "ability to adjust" to climate change impacts will measure an objective of the project to deal with climate stresses (in the context of other stresses). Stakeholders with improved adaptive capacity may be "implementing risk-reducing practices/actions to improve resilience to climate change" and/or "using climate information in decision making". Stakeholders in the target watersheds of RIWSP project who are involved in sectors such as agriculture, livestock, fishing, and other areas of natural resources management may need to employ new management practices or implement measures that reduce the risks of climate change impacts which they may acquire through training or exposure. For example, risk-reducing management practices in agriculture might include terracing and use of drought resistance crops, or adjusting the management of other aspects of the system. Risk reducing measures might include applying new technologies like irrigation methods, or diversifying into different income-generating activities.

Unit of Measure: Members of groups, associations, cooperatives, local NGOs, CBOs

Disaggregated by: Disaggregated by gender

Justification/Management Utility:

Individuals or members of groups, associations, cooperatives, CBOs, local NGOs implementing risk reducing practices to minimize impacts of climate is important in showing the effect of the adaptation measures being applied by RIWSP. Moreover, the significance of identifying the different activities they are involved in helps the project to develop tailor-made interventions.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected from Kayonza and Gatsibo Districts. Data will be collected on monthly basis by the project field staff and will indicate the types of risk reducing practices.

Data Source(s): Winrock reports

Frequency/Timing of Data Acquisition: Monthly Estimated Cost of Data Acquisition: low Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be reviewed and analyzed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality: January- March 2014 **Known Data Limitations and Significance (if any)**: **Actions Taken or Planned to Address Data Limitations**:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; 193 individuals or members of groups, cooperatives, associations, CBOs, Local

NGOs by the end of the Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

THIS SHEET LAST UPDATED ON: DecemberDecember2013

Person hours of training completed in climate change supported by USG assistance

Program Objective: 4. Economic Growth

Program Area: 4.8. Environment

Program Element: 4.8.2. Clean Productive Environment

Sub-Element: 4.8.2.4. Climate change

DESCRIPTION

Precise Definition(s): This indicator uses the following equation to express the number of USG-supported training hours that were completed by training participants: Hours of USG supported training course x Number of people completing that training course

Support from the USG: This indicator counts training hours that were delivered in full or in part as a result of USG assistance. This could include provision of funds to pay teachers, providing hosting facilities, or other key contributions necessary to ensure training was delivered. This indicator does not automatically count any course for which the USG helped develop the curriculum, but rather focuses on delivery of courses that was made possible through full or partial funding from the USG.

People: Only people who complete the entire training course are counted for this indicator.

Training: Training is defined as sessions in which participants are educated according to a defined curriculum and set learning objectives to impart knowledge and information to stakeholders on climate change adaptation or mitigation.

In the context of RIWSP, the training include trainings to farmers and local communities on climate change resilience and how food production and community livelihoods are affected by climate change and methods of reducing impacts on whole food chain from planting to harvesting, storage.

Unit of Measure Number of person hours of training

Disaggregated by: Disaggregated by gender

Justification/Management Utility:

This indicator will help monitor the training activities under Activity 3.1. On-farm Water Use Efficiency and Climate Resilient Water Management - Showcasing Innovation technologies for small-scale irrigation.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected from Kayonza District. Data will be collected on monthly basis by the project field staff and will indicate the types of training provided

Data Source(s): Winrock reports

Frequency/Timing of Data Acquisition: Monthly Estimated Cost of Data Acquisition: low Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be internally reviewed and analyzed by the M&E manager and the COP

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality: January- March 2014
Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:
Date of Future Data Quality Assessments: NA
Procedures for Future Data Quality Assessments: Will be determined between the program and USAID
BASELINE AND TARGETS: 0; 2,400 person hours
DASELINE AND TANGETS. 0, 2,400 person nours
Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up
THIS SHEET LAST UPDATED ON: December 2013

Number of individuals who have received USG supported short term training in agricultural sector productivity or food security

Program Objective: 4. Economic Growth

Program Area: 4.5 Agriculture

Program Element: 4.5.2. Agricultural sector productivity

Sub-Element:: 4.5.2.4: Agribusiness and Producer Organizations

DESCRIPTION

Precise Definition(s): The number of individuals to whom significant knowledge or skills have been imparted through interactions that are intentional, structured, and purposed for imparting knowledge or skills will be counted as training In the context of RIWSP, the training will include the following areas: food production and water efficient agriculture practices.

Unit of Measure: Number of people

Disaggregated by: This indicator will be disaggregated by gender and type of training, specifically number of people trained in short term applied techniques

Justification/Management Utility: This indicator will help monitor agriculture focused training under Activity 3.1. On-farm Water Use Efficiency and Climate Resilient Water Management - Showcasing Innovation technologies for small-scale irrigation

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator will be collected from Kayonza District. Data will be collected monthly by the project field staff and will indicate when these training sessions were held, and the specific content of training provided at the time.

Data Source(s): Winrock reports

Frequency/Timing of Data Acquisition: Monthly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be reviewed and analyzed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January-March 2014

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; 549 people trained by the end of the Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

Number of farmers and others that applied the improved technologies or management practices as a result of USG assistance

Program Objective: 4. Economic Growth

Program Area: 4.5. Agriculture

Program Element: 4.5.2. Agricultural sector productivity **Sub-Element:** 4.5.2.2. Land and Water Management

DESCRIPTION

Precise Definition(s): Measures the total number of farmers and others that applied improved technologies anywhere within the food and fiber production cycle as a result of USG assistance. RIWSP is introducing several improved technologies including MUS enhancing which covers food productivity through improved access to water for productive uses and/or increased water efficiency.

Unit of Measure: Number of people

Disaggregated by: This indicator will be disaggregated by gender/sex

Justification/Management Utility: This indicator will help monitor adoption of agriculture technologies under Activity 3.1. On-farm Water Use Efficiency and Climate Resilient Water Management - Showcasing Innovation technologies for small-scale irrigation.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator will be collected from Kayonza District. Data will be collected monthly by the project field staff and will indicate when these technologies and practices were held, and the specific content of technologies and practices provided at the time.

Data Source(s): Winrock reports

Frequency/Timing of Data Acquisition: Monthly

Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be internally reviewed and analyzed by the M&E manager and the

COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January-March 2014

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; 516 farmers by the end of the program

LOCATION OF DATA STORAGE: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

Number of hectares under improved technologies or management practices as a result of USG assistance

Program Objective: 4. Economic Growth

Program Area: 4.5. Agriculture

Program Element: 4.5.2. Agricultural sector productivity. **Sub-Element:** 4.5.2.2. Land and Water Management

DESCRIPTION

Precise Definition(s): Measures the area of land in hectares first brought under new technology during the current reporting period. Significant improvements to existing technologies are also counted under this indicator.

Unit of Measure: Number of hectares

Disaggregated by:

Justification/Management Utility: This indicator will help monitor adoption of agriculture technologies under Activity 3.1. On-farm Water Use Efficiency and Climate Resilient Water Management - Showcasing Innovation technologies for small-scale irrigation

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator will be collected from Kayonza District. Data will be collected quarterly by the project field staff and will indicate the increasing number of hectares.

Data Source(s): Project activity reports/implementing partners reports

Frequency/Timing of Data Acquisition: Quarterly Estimated Cost of Data Acquisition: Medium Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be internally reviewed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January 2014-March

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; target number of 9 hectares by the end of the Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

Number of kitchen gardens established

Program Objective: 4. Economic Growth

Program Area: 4.5 Agriculture

Program Element: 4.5.2. Agricultural sector productivity **Sub-Element:** 4.5.2.4: Agribusiness and Producer Organizations

DESCRIPTION

Precise Definition(s): This is custom indicators for monitoring kitchen gardens established in the households of members of CHCs and as livelihood activities of MUS. RIWSP, through various meetings and trainings provided to CHC members, provide safe nutrition messages in order to improve the food security of the clubs members.

Unit of Measure: Number of kitchen garden

Disaggregated by: N/A

Justification/Management Utility: Tracking the number of kitchen will help to monitor the application of nutrition message provided by the Program through CHC and kitchen gardens under the MUS livelihood activities.

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator will be collected from households in Kayonza and Gatsibo

Districts on monthly basis by the project field staff.

Data Source(s): implementing partners reports

Frequency/Timing of Data Acquisition: Monthly

Estimated Cost of Data Acquisition: Low **Responsible Individual(s) at USAID:** AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be reviewed and analyzed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January - March 2014

Known Data Limitations and Significance (if any): Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; 1850 kitchen gardens established by the end of the Program

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up

Number of people receiving USG supported training in nutrition

Program Objective: 3. Investing in People

Program Area: 3.1. Health

Program Element: 3.1.9 Nutrition

DESCRIPTION

Precise Definition(s): The individuals in the target sites who receive training in nutrition. These include men and women. This is a customized indicator.

Unit of Measure: Number of people

Disaggregated by: This indicator is disaggregated by gender

Justification/Management Utility: This indicator will help tracking the scale of nutrition related training part

of the RIWSP program. .

PLAN FOR DATA ACQUISITION BY USAID

Data Collection Method: Data for this indicator is collected Gatsibo and Kayonza districts. Data will be collected monthly by the project field staff and will indicate when these training sessions were held, and the specific content of training provided at the time.

Data Source(s): World Vision reports

Frequency/Timing of Data Acquisition: Monthly Estimated Cost of Data Acquisition: Low Responsible Individual(s) at USAID: AOR

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Data from the field will be reviewed and analyzed by the M&E manager and the COP.

Presentation of Data: Data presented in quarterly and annual reports

Review of Data: AOR Review of reports **Reporting of Data:** Annual report

DATA QUALITY ISSUES

Date of Next Data Quality Assessment: January-March 2014

Known Data Limitations and Significance (if any):
Actions Taken or Planned to Address Data Limitations:

Date of Future Data Quality Assessments: NA

Procedures for Future Data Quality Assessments: Will be determined between the program and USAID

BASELINE AND TARGETS: 0; 850 people trained at the end of project

Location of Data Storage: RIWSP M&E Electronic database (excel format)/RIWSP offices with back up